

```
gcagcaagat ctctgaaata taagctctgt aagaccaatc tgaagtgtg atgatcaata 120
tgaactgaaa catcatgcc caatgggctg gtacttgtgc aaaattctct ggcatgtgat 180
gagaatcaca tggttacctc tttggatcgc acc 213
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<210> 49
 <211> 235
 <212> DNA
 <213> Pinus taeda

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<400> 49
ggtgcatcc aaagagcctt cttgcagaca atccgtgaaa acatggctat acaataaatt 60
cccagtttgg aattctaaat aaaactgttc aatatttgaa ggcctctgat atcacagaga 120
ctgatattag aatggaagca tgtagcaacc ctagaagctt tcgcataaag ataccagatt 180
aattcataag aaggatctct cgttcaccag tcacatatca cagtcggatc gcacc 235
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<210> 50
 <211> 216
 <212> DNA
 <213> Pinus taeda

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<400> 50
ggtgcatcc gttagatgag ctgccaaagta tggaattatt gacatttttg gacgggttat 60
gggcagaggg atgtgccaaag ctgaagaaga taccgggggt ggagcaagcc acaaaaacttc 120
gagagttaga tgtagtgagg tgccctcagt tagatgagct gccaaagtatg gaattattga 180
catctttgga cggcttggtg gcaaagggat cgcacc 216
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<210> 51
 <211> 462
 <212> DNA
 <213> Pinus taeda

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<400> 51
ggtgcatcc acatagtttg aatgcaagga aattgcacat acttcgtggg gaatttcgat 60
ggcaaatcag tccaggtaaa tgacttctca acataggtcc aaaactcttt catagaccag 120
atcttgaccg tgttggtccat gccacagctt gcaatacgat atacatctga aggatgaaaa 180
tctacactga gaacttcatt gcgatgtccc ccagctccag caaatatcaa aatgcatatt 240
ccagtttgaa cattccagag tcgtacagat tcactcttgc tagcagataa aataagggaa 300
ggtttcagtt gcttgggtcc ttatttcatt cacagaactc catggccaac gaaactctta 360
tggaactttc atttgcacat ccattctcga attatacatt gtgaccgcag ccactaataa 420
tggggaacat cactgcgctg ccacttatg tgtaaagaa tc 462
```

<210> 52
 <211> 246
 <212> DNA
 <213> Pinus taeda

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<400> 52
ggtgcatcc cctccattta ccatgggtata ctgttccaaa ggttccagag cctagctctt 60
tcaattcttc aagggtcagca ttctttatta tctggaaact tcgctagctg tgtctataat 120
cacgaaacc agacggggaa ctaataggcg atgaagtctt tcttatccat aaccgttgca 180
aagatcttac acggagtttt ctcttctctt gcggtggttt tctttcccgt attctcggat 240
cgcacc 246
```

<210> 53
 <211> 527
 <212> DNA
 <213> Pinus taeda

<400> 53
 ggtgcatcc atacatgcga gggcgcatga gagactacca caaatcctac atacctccat 60
 tcacccctgg atcggttata caaggatttg ggggtggctaa agtgatactc tcaaatcacc 120
 cagacttcag agagggtgac tttgtatctg gtactatagg atgggaagag tacagcataa 180
 taccaaaagg gagtaactta agaaagatca aatatacgga cgtaccactt tcatattttg 240
 tgggtgtttt aagaatgccc gggtttactg cttatgctgg attctttgaa gtttgctctc 300
 ctaaaaaggg ggagcatgtt tttgtctctg ccgcttcagg agctgttggc cagcttggtg 360
 ggcacttttg aaagttgatg ggttgctatg ttgttaggga gcgcgggtaa caaacagaag 420
 gctgatctgc tgaaacataa aatgggcttt gatgatgatc tccaccataa cgaggagcat 480
 gacttcgatg tggcttttaa aaggcatttt ccagatggga ttgcacc 527

<210> 54
 <211> 273
 <212> DNA
 <213> Pinus taeda

<400> 54
 ggtgcatcg aactgaatga atgacgttgc caagctatgt ttgggaatta aaacttgaat 60
 gccgttattc tctctttttt ccaaaagggc cttttctgcc agaaaacctt aaattttctga 120
 ctggtttcca agtccaattt ttaaaatatg gattggttta ccattgaagg caccaccatg 180
 ctctgaaagt tatggactgc acttgcccca gtgctatatt tagtccagat agcgcttggtg 240
 tctctaaatg catctccctg ctcgatatc acc 273

<210> 55
 <211> 220
 <212> DNA
 <213> Pinus taeda

<400> 55
 ggtgcatcc gaacagaggg agcagatttt gcccttgcaa gtattcacaa cattagagaa 60
 gccctgccag agatatggga ggaagaagat gcagagaaca ccaaaaatgt tgtgggatca 120
 agaggagcgg atgcaactat agaaactggt gtcacggcat aagccatcgc ctcatggaat 180
 gagggaatgg aggactagac aaatcccttt ggatcgcacc 220

<210> 56
 <211> 483
 <212> DNA
 <213> Pinus taeda

<400> 56
 ggtgcatcc gattgggcag ctgcagcctt gggaagcttt agaatcaaat tgcactcact 60
 ctccaggagg tattgagaag tcaattttct aaggcttaca gtgacagaag gaaccatctt 120
 gacaatctta tcagggttcc tgctctggtt aaacacttca actttgacag gacgagagaa 180
 tgtgactaat tcatcttctt catcagactc tacatcttcc tgtttcaaga aacaaagata 240
 ctgatcatca ctagggcaag aattgatgat ttgtatatct ctggagaagc cagtgtttac 300
 attggttttg ttcattggcca ccagtctatg gcataaagct tccccgaaag ggtacttggc 360
 agattttaaca gagcccaacg ttatatthaa ggcccatctc tttgctctca aaatttttct 420
 tgcactctct ggagaatata aaacccttg gtgtctcttt ccacaaacac cttctcattg 480
 atc 483

<210> 57
 <211> 472
 <212> DNA
 <213> Pinus taeda

<400> 57
 ggtgcgatcc aactgagaag ggtgtttggt ggaaagatga caccaagtgg gttctatatt 60
 ctccagagga tgcaagaaaa attttgagag aaagaagatg ggcccttaaa tataacgtgg 120
 ggttctgtta aatctgccaa gtacccttca ggaaagtta tgccatagac ttggtggcca 180
 tgaagcaaac caatgtaaac actgggttctc cagagatatac aaaatcatca attcttgccc 240
 tagtgatgat caggaagatg tagagtctga tgaagaagat gaattagtca cattctctcg 300
 tcctgtcaaa gttgaagtgc ttaaccagag caggaaacct gataagattg tcaagatggg 360
 tccttctgtc actgtagacc ttgagaaatt gacttctcaa tacctcctgg aggatgagtg 420
 caatttgatt ctaaagcttc ccaaggctgc agctgcccac tcggatcgca cc 472

<210> 58
 <211> 246
 <212> DNA
 <213> Pinus taeda

<400> 58
 ggtgcgatcc atgtagtgcc aacttacgag atcactaact ttaaaactat catgcaattg 60
 gccaatagaa gcgacacttg ctgtgccaaa gtatcgatag gctactcccg atgggtcaat 120
 catatatagt tggggcccat ctctatcata acctccaagg ataactccag atccaaaagg 180
 ccttaaccac caatatagtg tgcacaaatg cacataactg gcaacacggt cacaaagttc 240
 cttaat 246

<210> 59
 <211> 255
 <212> DNA
 <213> Pinus taeda

<400> 59
 ggtgcgatcc catgggatag ttgcaagaca cacaaatttg ttgtgaaaga agagagacac 60
 gcacagacaa ccatatgata tttttttttt tttttttttt tttttttttt ttttttttag 120
 caaaattcaa acacttttta ttaaattcaa gccatatatc tggcaaattc accgaaatat 180
 gtacaatcgc agcgattgct ttggcttgcg acagaaacca tattcgacag tcttcataag 240
 gctttggatc gcacc 255

<210> 60
 <211> 368
 <212> DNA
 <213> Pinus taeda

<400> 60
 ggtgcgatcc cactgtagtt gtccttggtg agcatagttc aagctgttct gattccacca 60
 gttagtggcc caacactgcg aggtgctgcc atttccattc cattcacaga cgtcagtgtt 120
 gaaattcata taggaagcca caaagggtga ggaagaccaa tctattttca ctgcgtcccc 180
 ttgagttgcc cactggtctc cgctccatat gctagagaat actctcattg cctgctcatt 240
 cggataggga acgcctatgt tttcattggt tgcaaatact ctgattggca aacctcaac 300
 gaaaatcgca atttgctggg gggtccagag aatagagtaa ttgtggaaat ctgctgtagg 360
 atcgccac 368